

PATENT - POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

1. Microsoft Corporation hereby revokes all previous powers of attorney given in the following patents:

Patent No.	Title	Issue Date	First Named Inventor
6282489	METHODS AND APPARATUS FOR DISPLAYING A TRAVEL ROUTE AND GENERATING A LIST OF PLACES OF INTEREST LOCATED NEAR THE TRAVEL ROUTE	08/28/2001	Keith J. Bellesfield
6498982	METHODS AND APPARATUS FOR DISPLAYING A TRAVEL ROUTE AND/OR GENERATING A LIST OF PLACES OF INTEREST LOCATED NEAR THE TRAVEL ROUTE	12/24/2002	Keith J. Bellesfield
6993430	AUTOMATED TRAVEL PLANNING SYSTEM	01/31/2006	Keith J. Bellesfield
8170791	AUTOMATED TRAVEL PLANNING SYSTEM	05/01/2012	Keith J. Bellesfield
6847977	GROUPING MULTIMEDIA AND STREAMING MEDIA SEARCH RESULTS	01/25/2005	Aram Christian Abajian
6877002	FUZZY DATABASE RETRIEVAL	04/05/2005	John Prince
6941300	INTERNET CRAWL SEEDING	09/06/2005	Sean S. Jensen-Grey
7181444	SYSTEM AND PROCESS FOR SEARCHING A NETWORK	02/20/2007	Charles A. Porter
7720836	INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE	05/18/2010	Aram Christian Abajian

7752186	GROUPING MULTIMEDIA AND STREAMING MEDIA SEARCH RESULTS	07/06/2010	Aram Christian Abajian
7007008	CATEGORY SEARCHING	02/28/2006	Surendra Goel
7047229	SEARCHING CONTENT ON WEB PAGES	05/16/2006	Surendra Goel
7523103	CATEGORY SEARCHING	04/21/2009	Surendra Goel
7558805	SEARCHING CONTENT ON WEB PAGES	07/07/2009	Surendra Goel
7970750	CATEGORY SEARCHING	06/28/2011	Surendra Goel
7395153	REDUCING DRIVING DIRECTIONS	07/01/2008	David W. Nesbitt
7689349	AUTOMATIC DETERMINATION OF A SURROGATE ORIGIN FOR PERSONALIZED ROUTING	03/30/2010	David W. Nesbitt
7561965	REDUCING DRIVING DIRECTIONS	07/14/2009	David W. Nesbitt
7403939	RESOLVING QUERIES BASED ON AUTOMATIC DETERMINATION OF REQUESTOR GEOGRAPHIC LOCATION	07/22/2008	Ajaipal Singh Virdy
8166025	RESOLVING QUERIES BASED ON AUTOMATIC DETERMINATION OF REQUESTOR GEOGRAPHIC LOCATION	04/24/2012	Ajaipal Singh Virdy

2. Microsoft Corporation hereby appoints Practitioner(s) associated with Customer Number **69316** as its attorney(s) or agent(s) with respect to the patents identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.
3. Please recognize or change the correspondence address for the above-identified patents to the address associated with the above-mentioned Customer Number.
4. Microsoft Corporation is the Assignee of record of the entire interest in each of the above-identified patents and, as such, is the patent owner.
5. A Statement under 37 CFR 3.73(b) (Form PTO/SB/96) is submitted herewith.
6. The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee, Microsoft Corporation.

Signature of Assignee of Record

Signature		Date	2/18/13
Name	D. Bartley Eppenauer	Telephone	425-882-8080
Title and Company	Assistant Secretary, Microsoft Corporation		